00862.022315



## PATENT APPLICATION 8-13-05 ARK OFFICE

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	) Eveniner A. Dudding
Mitsuru HIURA	Examiner: A. Dudding
Application No.: 09/915,325	Group Art Unit: 2853
Filed: July 27, 2001	· )
For: EXPOSURE APPARATUS AND DEVICE MANUFACTURING METHOD USING THE SAME	July 30, 2003
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	TEC:
AMENDME	
Sir:	-4 2 -4 2
in response to the extrema retroit duted ripin 50, 2005, picture different the doorge	
identified application as follows:	280

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## **IN THE ABSTRACT:**

Please cancel the current abstract and insert the following.

An exposure apparatus includes a mask on which a transfer pattern is formed and a mask scanning unit for scanning the mask, a wafer coated with a photosensitive material and a wafer stage scanning unit for scanning a wafer stage on which the wafer is mounted, a transfer unit for supplying/recovering the wafer to/from the wafer stage, and a positioning unit for positioning the wafer and the mask, sequentially exposes the transfer pattern on the wafer by illuminating part of the transfer pattern with a light beam emitted from a light source through an illumination optical system and synchronously scanning the mask and the wafer, and includes a velocity determination unit for determining a scanning velocity so as to maximize the number of wafer that can be exposed per unit time.

A scanning exposure apparatus includes a master stage for scanning a master, a substrate stage for scanning a substrate, a transfer device for supplying/recovering the substrate to/from the substrate stage, a positioning device for relatively positioning the substrate and the master, and a scanning velocity determination device for determining a scanning velocity so as to maximize the number of substrates that can be exposed per unit time.